Approved for use through 10/31/2002. OMB 0651-0031

U.S. Perfent and Trademark Office: U.S. DEPARTMENT OF COMMER Under the Paperwork Reduction Act of 1995, no persons are required to respect to a collection of information unless it contains a valid OMB control num

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

redimen in reaching to a concorn	of information unless it contains a valid Civib conti	or number.
Jive III OF	Complete if Known	
Application Number	10/720,857	
Filing Date	November 24, 2003	
First Named Inventor	Pravas Pradhan et al.	
Group Art Unit	2816	
Examiner Name	Not yet assigned	
Attorney Docket Number	112055-0073U	フ

	1			U.S. PATENT DOCUMEN	TS	<del></del>	
Examiner		U.S. Paternt De		Name of Patentee or Applicant Date of Pages, Columns, Line		Name of Patentee or Applicant	Pages, Columns, Lines, Where Relevant
Initials *	Cite No.1	Number	d Code <sup>2</sup>	of Cited Document	Publication of Cited Document MM-DD-YYYY	Pessages or Relevant Figures Appear	
W	1.	5,801,564		Gasparik	09-01-1998	327/170	
W	2.	5,811,984		Long et al.	09-22-1998	328/30	
W	3.	6,236,269	B1	Hojabri	05-22-2001	330/213	
N	4.	6,252,432	B1	Freitas .	06-26-2001	327/65	
N	5,	6,320,417	B1	Kirsch et al.	11-20-2001	326/86	
1	6.	6,476,642	B1	Morano	11-05-2002	3~6/86	
				····			
					<del></del>		
	<u>'</u>				+		
			· ·		+		
					<del></del>		
					1		
					1		
					1		

				FOREIGN	PATENT DOCU	MENTS		
Examine		Fo	oreign Patent Do	cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines,	
r Initiats*	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM- DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T <sub>0</sub>
		<del> </del>	-		_	<del>-</del>		
		1						
		<del> </del>						
								<del></del>
	L		<u> </u>					

		$\Gamma$	1		
Examiner / Signature	W	V	In .	Date Considered	12/7/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Olones t		_11		this box ->
Please t	ype a :	pius sign	(+) inside	this box

Signature

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	Substitute	for form 1449A/P	то			Complete if Known	1
	INEO	DRAATIO	N DIC	CI OCUPE	Application Number	10/720,857	_
				CLOSURE	Filing Date	November 24, 2003	
STATEMENT BY APPLICANT					First Named Inventor	Pravas Pradhan et al.	
					Group Art Unit	2816	
		(use as many s	heets as	necessary)	Examiner Name	Not yet assigned	_
	Sheet	2	of	2	Attorney Docket Number	112055-0073U	フ

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²
7	7.	SEEVINCK, Evert, Current-Mode Techniques for High-Speed VLSI Circuits with to Current Sense Amplifier for CMOS SRAM's, IEEE Journal of Solid-State Circuits, Vol. 26, No. 4, April 1991	
N	8.	SIM, Jae-Yoon, A 1-Gb/s Bidirectional I/O Buffer Using the Current-Mode Scheme, IEEE Journal of Solid-State Circuits, Vol. 34, No. 4, April 1999	
, <u>-</u> ,-			
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	-		
Examine			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.